

5/43

<b>DART AEROSPACE LTD</b>	<b>Work Order:</b>	24634
<b>Description:</b> Wearplate	<b>Part Number:</b>	D3321-2
<b>Dwg:</b> D3321 Rev. A page 1	<b>Qty:</b>	10
B 05.10.21 PH		Page 1 of 1

Step	Location	Procedure	By	Date	Qty
1	DC	Issue Traveler	PH	05.10.21	10
2	PG	Issue P/O: 2008213 Email or Ship DXF file to vendor Laser Cut flat pattern per Dwg D3321 Possible Supplier: Industrial Laser <b>Material release note is required</b>	U	05.06.10	10
3	RG	Receive and inspect for transit damage <b>Ensure material release note is attached</b>	CL	05/10/21	10
4	QC6	Inspect dimensions as per inspection template D3321-2T1	PH	05.11.17	10
5	GA	Deburr if necessary		N/A	
6	GB	Form using DT8179 Die as per Dwg D3321 Dwg Rev: A	SB	05/11/17	10
7	QC6	Inspect dimensions as per Dwg D3321	L	05.12.01	10
8	WS	Weld hard surface using D3321-2T3 as per QSI 004 and Dwg D3321 Dwg Rev: B Qty Part Number Description Batch A/R N/A 7560 Hardcoat Rod M19174	CL	05.12.20	10
9	QC9	Inspect weld	PH	05/12/20	10
10	FP	Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3	ML	05.12.21	10
11	QC3	Inspect Powder Coat	CL	06/01/03	10
12	ST	Identify on inside surface using a permanent fine point marker with the following: <b>TCCA-PDA, Dart Aerospace Ltd.</b> <b>P/N: D3321-2, B/N: BXXXXX</b> <b>For Product Eligibility see PDA04-17 and Stock</b>	PH	06/01/03	10
13	AC	Cost / part:	SM	06.01.04	10
14	DC	Close W/O Inspect Level 21	PH	06/01/04	10

Rev	Date	Change	Revised By	Approved
A	05.05.12	New issue	KJ/JLM	

PRELIMINARY ISSUE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

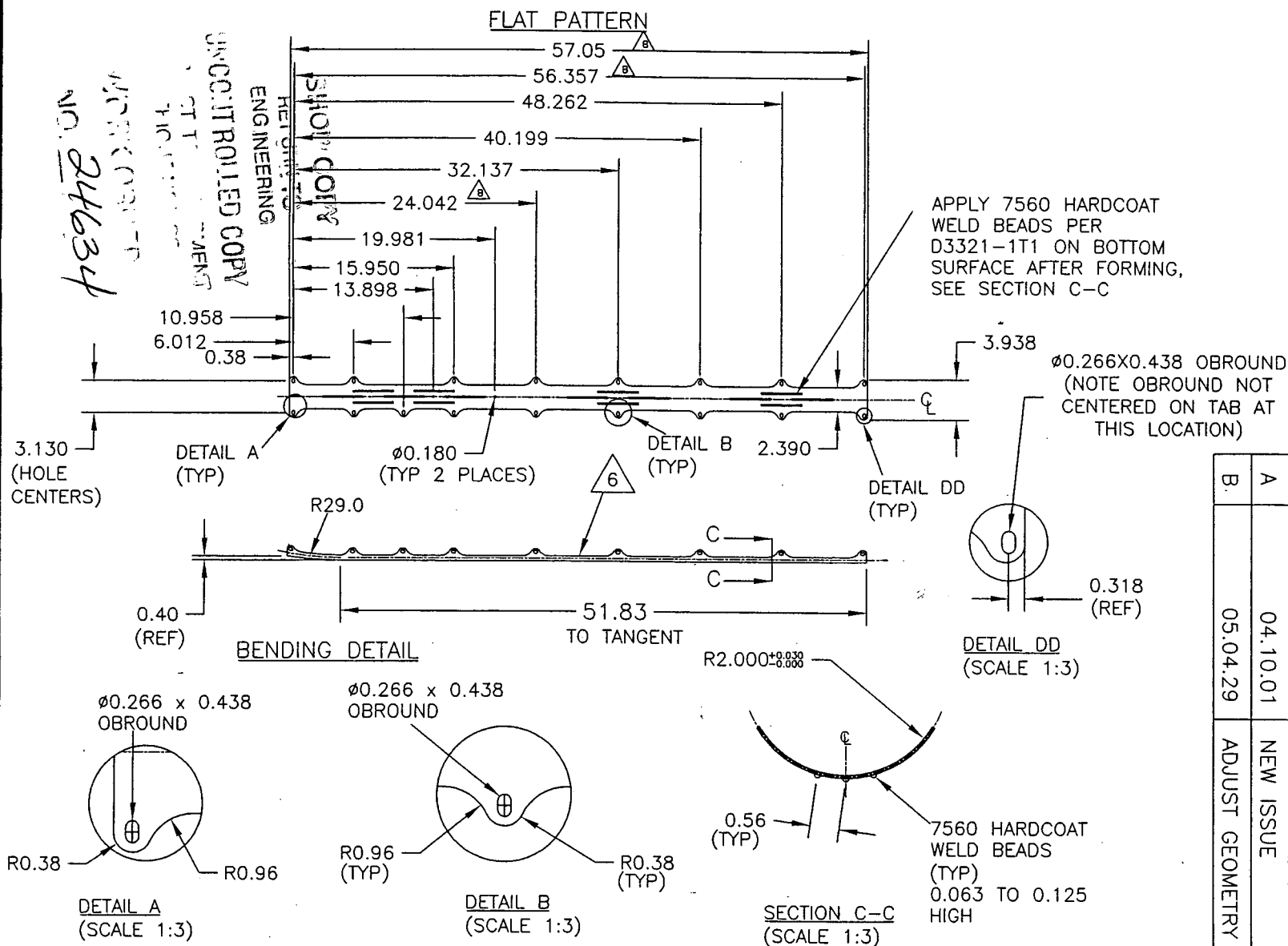
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☐ No ☒ DQA: [Signature] Date: 06/01/04

NOTE: Date & initial all entries

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

PRELIMINARY ISSUE



D3321-1 WEARPLATE (SHOWN, -2 OPPOSITE)

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR  
CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 16 GAUGE (0.060 THICK)
- 2) FINISH: POWDER COAT GREY SANDTEX (REF.4.3.5.6) PER DART QSI 005 4.3
- 3) WELD PER DART QSI 004
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSION ARE IN INCHES
- 6) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER:  
"TCCA-PDA, DART AEROSPACE LTD., P/N D3321-X B/N BXXXXX, FOR PRODUCT ELIGIBILITY SEE PDA05-17"

		<b>DARI AEROSPACE LTD.</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PY</i>	APPROVED <i>GH</i>	DRAWING NO. D3321	REV. B SHEET 1 OF 2
DATE		TITLE	SCALE
05.04.29		WEARPLATE	1:15
A	04.10.01	NEW ISSUE	
B.	05.04.29	ADJUST GEOMETRY	

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## Job Costing Report

Dart Aerospace Ltd.  
Hawkesbury

Oct 20, 2005  
04:09 pm

Work Order No : 0024634  
Project Name : D3321-2  
Project For : WK543  
Work Order Type : Main  
Main WO Number :  
House Part Number : D3321-2  
Description : Wearplate,RH Fwd LH Mid  
Manufactured : Yes  
Amount Req'd : 10  
Amount Done : 0  
Start Date : 10-20-05  
Est Finish Date : 10-31-05  
Act Finish Date :  
Drawings Req'd : No  
Ok for Approval :  
Approval Rec'd :

Department Code:  
Burden Flags : NNNNNNNN  
WO Status : Open  
Invoice State : Not Invoiced  
Invoice Date :  
Invoice Number :  
Invoice Amount : 0.00  
Order Entry No :  
OE Value : 0.00  
Est Mark Up : 0.000%  
Actual Mark Up : 0.000%  
\$0 Posted to Finished Goods

	Estimated	Actual	Var. %	Posted	To Post
Material Cost	0.00	0.00	0.00	0.00	0.00
Engineering Hours	0.00	0.00	0.00		
Engineering Cost	0.00	0.00	0.00	0.00	0.00
Production Hours	0.00	0.00	0.00		
Production Cost	0.00	0.00	0.00	0.00	0.00
Packaging Hours	0.00	0.00	0.00		
Packaging Cost	0.00	0.00	0.00	0.00	0.00
OverHead Hours	0.00	0.00	0.00		
OverHead Cost	0.00	0.00	0.00	0.00	0.00
CNC Hours	0.00	0.00	0.00		
CNC	0.00	0.00	0.00	0.00	0.00
Misc. Hours	0.00	0.00	0.00		
Misc.	0.00	0.00	0.00	0.00	0.00
Burden	0.00	0.00	0.00		
Total Cost	0.00	0.00	0.00		
Mark up	0.000	0.000			
Selling Cost	0.00	0.00			

	Estimated	Actual
Labour Hrs/Amount Done	0.00	0.00
Profits/(Loss)	0.00	0.00

Date: Saturday, 11/19/2005 8:08:28 AM  
 User: Linda Lacelle

## Process Sheet

<b>Customer</b> :	CU-DAR001 Dart Helicopters Services	<b>Drawing Name</b> :	WEARPLATE
<b>Job Number</b> :	24634		
<b>Estimate Number</b> :	10761		
<b>P.O. Number</b> :		<b>Part Number</b> :	D33212
<b>This Issue</b> :	11/19/2005	<b>S.O. No.</b> :	
<b>Prsht Rev.</b> :	NC	<b>Drawing Number</b> :	D3321 REV. B
<b>First Issue</b> :	1 / 1	<b>Project Number</b> :	
<b>Previous Run</b> :	23344	<b>Drawing Revision</b> :	B
		<b>Material</b> :	
<b>Written By</b> :		<b>Due Date</b> :	11/26/2005
<b>Checked &amp; Approved By</b> :		<b>Qty:</b>	10
<b>Comment</b> :	Est: A 05.05.12 New issue KJ/JLM		
	<b>Type</b> :	<b>Um:</b>	Each

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
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1.0

PG

PURCHASING



Comment: PURCHASING

Issue P/O: \_\_\_\_\_

Email or Ship DXF file to vendor

Laser Cut flat pattern per Dwg D3321

Possible Supplier: Industrial Laser

Material release note is required

2.0

D33212F

WEARPLATE FLAT



Comment: Qty.: 1.0000 Each(s)/Unit Total: 10.0000 Each(s)

WEARPLATE

3.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Recieve &amp; Inspect for Transit Damage

Ensure Material Release Note is attached

4.0

QC6

DIMENSIONAL CHECK



Comment: DIMENSIONAL CHECK

Inspect dimensions as per inspection template D3321-2T1

5.0

SMALL FAB 1

SMALL &amp; MEDIUM FAB RESOURCE 1



Comment: SMALL &amp; MEDIUM FAB RESOURCE 1

Deburr if necessary

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Saturday, 11/19/2005 8:08:29 AM  
User: Linda Lacelle

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE

Job Number: 24634

Part Number: D33212

Job Number:



Seq. #:

Machine Or Operation:

Description :

13.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL  
Inspection Level 21

Job Completion



W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



# Job Costing Report

Dart Aerospace Ltd.  
Hawkesbury

Nov 08, 2005  
12:41 pm

Work Order No	: 0024634	Department Code:	
Project Name	: D3321-2	Burden Flags	: NNNNNNNN
Project For	: WK543	WO Status	: Open
Work Order Type	: Main	Invoice State	: Not Invoiced
Main WO Number	:	Invoice Date	:
House Part Number	: D3321-2	Invoice Number	:
Description	: Wearplate,RH Fwd LH Mid	Invoice Amount	: 0.00
Manufactured	: Yes		
Amount Req'd	: 10	Order Entry No	:
Amount Done	: 0	OE Value	: 0.00
Start Date	: 10-20-05		
Est Finish Date	: 10-31-05	Est Margin	: 0.000%
Act Finish Date	:	Actual Margin	: 0.000%
Drawings Req'd	: No		
Ok for Approval	:		
Approval Rec'd	:	\$0 Posted to Finished Goods	

	Estimated	Actual	Var. %	Posted	To Post
Material Cost	: 0.00	0.00	0.00	0.00	0.00
Engineering Hours	: 0.00	0.00	0.00		
Engineering Cost	: 0.00	0.00	0.00	0.00	0.00
Production Hours	: 0.00	0.00	0.00		
Production Cost	: 0.00	0.00	0.00	0.00	0.00
Packaging Hours	: 0.00	0.00	0.00		
Packaging Cost	: 0.00	0.00	0.00	0.00	0.00
OverHead Hours	: 0.00	0.00	0.00		
OverHead Cost	: 0.00	0.00	0.00	0.00	0.00
CNC Hours	: 0.00	0.00	0.00		
CNC	: 0.00	0.00	0.00	0.00	0.00
Misc. Hours	: 0.00	0.00	0.00		
Misc.	: 0.00	0.00	0.00	0.00	0.00
Burden	: 0.00	0.00	0.00		
Total Cost	: 0.00	0.00	0.00		
Margin	: 0.000	0.000			
Selling Cost	: 0.00	0.00			

		Estimated	Actual
Labour Hrs/Amount Done	:	0.00	0.00
Profits/(Loss)	:	0.00	0.00